MISSION AND OBJECTIVES

The Master of Science in Information Systems (IS program) offers excitement and challenges for the information age. It provides advanced expertise and experience in both computer science and business administration. This program focuses on applying information technology to improve the performance of people in organizations. It is especially appropriate for persons who wish to become the organizational change agents, innovators, and thought leaders of the future.

The advanced education and expertise provided in this program prepare the graduate student to identify, analyze, and solve business problems using the systems approach. This approach includes defining the problem, gathering data to describe the problem, identifying alternatives to solve the problem, evaluating the alternatives, selecting the best alternative, and implementing a solution with appropriate follow-up. This is done using both case studies and real clients.

The primary areas of study include information-systems technology, systems concepts and processes, and organization functions and management (including interpersonal and organizational behavior). The program places strong emphasis on both the technological and sociological aspects of systems. Students are frequently expected to participate in team situations to enhance both their systems thinking and their interpersonal skills. Multiple courses are real-client based in order to enhance the student’s consultative skills and experience.

Specific areas of emphasis include eliciting client requirements, analyzing, planning, designing, developing, and implementing information-systems applications, and managing information-systems development and operation. Appropriate behavioral, organizational, and financial knowledge and skill development support the technological central theme.

The IS program is designed to prepare individuals for a working career in industry, government, or education. Specific career paths for the graduating ISM professional include systems analyst and/or designer, business analyst, information-systems project manager, data administrator, data processing auditor, information-systems manager, consultant, or educator. Career paths for the ITM professional include security administrator, technical manager, systems administrator, network specialist, network operations manager, IT administrator, internet engineer, LAN/WAN engineer, or network administrator.

For those already employed in related disciplines, the IS program provides the advanced professional courses necessary to enhance career development opportunities.

Two tracks are offered. One is the foundation for a career position of Chief Information Officer (CIO). The second is the foundation for a career position of Chief Technology Officer (CTO).
EFFECTIVE COMMUNICATION SKILLS
As an information-systems graduate student, you should be aware that effective communication is a critical skill required of every student. In order to further develop and nurture a student’s oral and written communication skills, the Marist pedagogy includes the following as critical success factors for students in information systems:

- dialogue, not lecture, is the primary teaching method used. Most of the courses in this program will require you to verbally interact with the instructor and/or your peers on a regular basis in class or online;
- participation in small-group or team situations. These are designed to help develop your systems thinking and to enhance your interpersonal skills both in and out of the classroom;
- oral presentations to your instructor, your class, or to a real client. These may be formal or informal presentations and will summarize your own work or that of some team of which you are a member;
- written reports or research papers which will help evaluate the effectiveness of your written communication skills and provide feedback for improving them.

The above demands and/or standards are applied universally to all students in the information-systems program.

ADMISSIONS REQUIREMENTS
In addition to the application materials addressed in the Admissions to Graduate Programs section of the General Information section of this catalog, applicants to the graduate program in Information Systems must submit the following:

- a current résumé;
- a written summary of technical or professional non-credit course training;
- a written statement which outlines the applicant’s career objective(s), the reason(s) for selecting Marist’s IS program, desired specialization, and the applicant’s personal and professional expectations from the program;
- optionally, at the graduate director’s discretion, two letters of recommendation may be required.

Admissions requirements for international students are outlined in the Application Requirements for International Students in the General Information section of this catalog.

PREREQUISITES
Applicants to the Information Systems Management track are expected to have completed undergraduate-level course work in introductory statistics.

Applicants to the Information Technology Management track are expected to possess a reasonable proficiency in object-oriented programming and statistics, since knowledge and skill in these areas will be used throughout this specialization.

Proficiency in computer programming can be satisfied with a B or better grade in the Marist graduate course MSIS 500 Fundamentals of Object-Oriented Programming.
TRANSFER CREDIT
A student may transfer up to six graduate credits from a regionally accredited graduate program. Only courses with grades of B or better will be accepted. Courses should be equivalent in content and credit value to courses offered in the Marist program. The graduate director of the IS program will determine the status of all transfer requests at the time of the application that includes previous graduate study.

DEGREE REQUIREMENTS
To qualify for the Master of Science degree in Information Systems, a student must normally complete 36 to 37 hours of work at the graduate level (excluding any prerequisites). Course waivers may reduce this to as few as 30 credit hours.

As a rule, each student is expected to complete the IS degree as outlined at the time of admission to Marist College. Therefore, under normal circumstances transfer credit or waiver requests for graduate work taken elsewhere after admission to this program will not be granted. Such substitutions will only be considered for a substantive reason, such as relocation.

Upon acceptance into the program, graduate students receive a list of prescribed courses to be successfully completed. Specific undergraduate or graduate course work may be recommended to satisfy prerequisite requirements or remedy deficiencies as identified by the graduate director. IS degree requirements must be completed within seven (7) years of acceptance into the program with a cumulative index of 3.0 or higher. Requests for an extension of the seven-year limitation must be made in writing to the graduate director.

Part-time students are normally limited to registering for one graduate course during their first semester, unless special arrangements are approved in advance by the graduate director. Full-time study is defined as a semester load of at least nine graduate credits.

COURSE WAIVERS
If a student’s prior academic work of a relatively recent nature in a specific subject area is judged to be equivalent in intensity and rigor to Marist courses, including both the theoretical and practical dimensions of subject matter involved, then the student may be granted a course waiver for that subject. Since the student has already demonstrated an academic mastery of the pertinent subject matter, the specific course will be removed from the student’s program requirements. No more than 2 course waivers (6 credits) may be granted.

Prior professional experience in a given subject area and/or undergraduate course work are not considered in granting course waivers at the graduate level.

ADVISEMENT
The IS graduate director serves as the primary advisor to all students in the program. The graduate director regularly makes specific recommendations on course sequences to be followed by individual students, and approves all program planning requests made by students. Students should feel free to discuss any questions or concerns that they may have regarding their planned studies with the graduate director.
COURSE SCHEDULING
All courses leading to the IS degree are offered in the late afternoon and evening. Since this limits the number of available times for classes, full-time students may occasionally encounter scheduling problems. The graduate director will attempt in good faith to resolve such problems whenever they occur. Students are responsible for taking courses in the scheduled semesters.

For part-time students, it is recommended that two courses per semester be established as the normal objective. Benefits to the student are that initial personal motivation is better sustained, program completion occurs more quickly, odds on finishing are greatly increased, and the rewards of the effort are gained much sooner.

The graduate director reserves the right to limit the number of courses that a student may take each semester depending upon a student’s professional workload and other concerns.

CAPSTONE ACTIVITY
The Information Systems Policy Course (MSIS 730) is used to demonstrate a satisfactory level of competence in writing, speaking, and research in the information-systems discipline. Because the policy course is a capping course, it is expected that all other required courses will have been completed before the student enters this course. This will maximize the student’s experience in the course while minimizing peer knowledge differences.

COURSE PLANNING
The semester in which courses are expected to be offered applies to the Marist College main campus only. The IS Graduate Office should be contacted each semester to determine the list of additional courses to be offered at extension sites during the following semester.

The college reserves the right to cancel a course due to insufficient enrollment, and to add additional courses as per student demand and instructor availability.

ACADEMIC STANDING
All students must maintain a 3.0 or higher cumulative average. Those below this average must repeat courses, starting with the courses in which the lowest grades were received, until a 3.0 or higher GPA is achieved. If a failing grade is received in a course, that course must be repeated at the next scheduled offering. All students requesting enrollment in the capping course must have a 3.0 or higher cumulative average. If, upon completion of the capstone course, the cumulative average falls below 3.0, then the capstone course affecting the average must be taken again.

Students who fall below a 3.0 cumulative average during a particular semester will be warned and placed on academic probation. The student will be given up to two semesters (at the IS graduate director’s discretion) to recover an average of 3.0 or higher. Should the student fail to do so, the student will be automatically dismissed from the program.
COURSE SCHEDULING CONSIDERATIONS
The IS program offers a mixture of graduate courses both online and in the classroom on a regular basis. Specific schedules will be addressed by the graduate director as needs mandate.

IS PROGRAM OVERVIEW:
The IS graduate program offers two specializations. Each specialization will consist of six required common IS core courses and three required specialization-specific courses. One specialization is the Information Systems Management track (ISM), which has a business-application focus. The other specialization, Information Technology Management track (ITM), has an Information Technology focus. **NOTE:** It is strongly recommended that full-time graduate students work closely with the graduate director in order to accommodate any changes in scheduling that may become necessary.

SUBSTITUTE COURSES
In certain cases, the graduate director may include one or more substitute courses in a student’s program. When this occurs, these substitute courses will become part of the degree requirements in place of the standard courses.

MASTER OF SCIENCE IN INFORMATION SYSTEMS COURSE REQUIREMENTS:

**MSIS Core Required Courses (18 Credits)**
- MSIS 527  Systems & Information Concepts in Organizations  3 credits
- MSIS 537  Data Management I  3 credits
- MSIS 567  Data Communications  3 credits
- MSIS 647  Information Analysis  3 credits
- MSIS 657  Systems Design  3 credits
- MSIS 730  Information Systems Policy  3 credits

**Specializations – choose one:**

**ISM Required Courses (9 credits)**
- MBA 525  Marketing Foundations  3 credits
- MBA 555  Management Foundations  3 credits
- MBA 575  Finance Foundations  3 credits

**Electives**
9 credits from: Information Systems, Business, Software Development

**Prerequisite:**
- MATH 130  Introduction to Statistics

**ITM Required Courses (16 credits)**
- MSIS 507  Computer Concepts & Software Systems  3 credits
- MSIS 517  Web Technologies  3 credits
- MSIS 561  Data Communications Lab  1 credit
MBA 525  Marketing Foundations  3 credits
MBA 555  Management Foundations  3 credits
MBA 575  Finance Foundations OR
MBA 545  Accounting Foundations  3 credits

**Electives**  3 credits from: Information Systems, Business, Software Development

**Prerequisites:**
- MSIS 500  Fundamentals of Object-Oriented Programming
- MATH 130  Introduction to Statistics

It is strongly advised that the graduate director be consulted in the choice of these elective courses in order to help tailor the program to the student’s specific needs.

Each student must consult with the IS graduate director to plan a course schedule to enable the student to complete the IS program in the most efficient time frame considering student desire, transfer credits or waivers, prerequisites, and possible scheduling information.
Graduate Courses in Information Systems

MSIS 500 (ITM)  
Fundamentals of Object-oriented Programming  
3 Credits  
The purpose of this course is to introduce the student to programming in an object-oriented programming environment. The student will study the object-oriented programming paradigm and develop programs using an object-oriented programming language. Abstraction, encapsulation, inheritance, and polymorphism will be covered. Students will also be introduced to the concept of an abstract data type (such as a stack or queue) and implementation. Programming projects will be assigned throughout the semester. Prerequisite: Graduate standing in either the Information Systems or the Software Development program. No previous programming experience is required. Fall semester

MSIS 507 (ITM)  
Computer Concepts and Software Systems  
3 Credits  
An introduction to the functional organization of computer systems including both hardware and software components. The role of operating systems in directing and controlling the different systems resources is examined in detail. Computer terminology, physical computer implementations, and the operating environment for application programs are discussed. Fall and spring semesters

MSIS 517 (ITM)  
Web Technologies  
3 Credits  
This course gives students a chance to gain experience with many of the technologies which drive the World-Wide Web. While the Web began as a collection of static, linked documents, it has evolved to include robust applications which deliver dynamic content and rich, interactive experiences. Students will be introduced to various cutting-edge technologies and have projects assigned for each.

Prerequisite: MSIS 500 Fundamentals of Object-Oriented Programming (C++) OR its equivalent. Spring semester

MSIS 527 (Core)  
Systems and Information Concepts in Organizations  
3 Credits  
The focus of this course is information, the design and application of systems used to manage it, and the benefits that can be derived from it in an organizational context. The reciprocal effects of organization and information technology are stressed to develop fundamental understanding of the impacts and demands of new technologies on organizations. Systems theory is used to develop the systems approach to problem solving in large global organizations. Several case studies covering such topics as value chain management, enterprise resource planning and competitive advantage are analyzed to further develop the skills and knowledge of the systems approach. MIS literacy is developed to build an adequate foundation for subsequent coursework in other areas. Prerequisite: Graduate IS standing. Fall semester

MSIS 537 (Core)  
Data Management I  
3 Credits  
A study of the critical issues related to managing data in organizations. The concept of data as a resource, the data environment, the database approach, and the need for data modeling are examined in detail. The growing use of database management systems in managing data is discussed. The data administration function, its relevance in evolving organizations, and emerging issues are also addressed. Fall and spring semesters. (Spring semester recommended.)
MSIS 557 (Elective)
**Data Quality in Information Systems**  
3 Credits
This course will help students explore and understand data and information quality (DQ and IQ) problems in information systems, databases, and data warehouses. The student will be able to recognize and use DQ and IQ concepts in information-systems projects: e.g., recognize patterns of data and design deficiencies in systems; suggest appropriate DQ and IQ improvement plans in light of known deficiencies; perform information quality assessments of organizations; apply data cleansing techniques to data warehouses, and experience the influence of data quality indicators on decision making. A combination of state-of-the-art literature and hands-on projects will be studied.  
**Prerequisite:** MSIS 537 Data Management

MSIS 567 (Core)
**Data Communications**  
3 Credits
This course examines the concepts and mechanisms of data-transport systems including information in the form of data, voice, and image. Network architecture, terminology, control, and general topologies are discussed. Current equipment and physical interconnection are explored in an applied model incorporating a range of network services to support application development, distributed processing, information centers, and distance learning. Emphasis is placed on the impact of data-communications technology on organizations and on the design of future information systems.  
**Prerequisite:** Fall and spring semesters

MSIS 591 (Elective)
**Data Mining & Predictive Analytics**  
3 Credits
Data Mining & Predictive Analytics is the name given to a group of disciplines, technologies, applications and practices for analyzing data (usually based on past business performance) and building models to help enterprise users make better, faster business decisions. The course covers basic concepts, tasks, methods, and techniques in data mining, including data exploration, data preparation, classification, regression, clustering, association, and performance evaluation applied to predictive modeling.  
**Prerequisite:** While there are no official prerequisites for this course, it is expected that all students are familiar with elementary probability and statistics (recommended: MSIS 594).

MSIS 594 (Elective)
**Introduction to Data Analysis and Computational Statistics**  
3 Credits
This is an introductory course in data analysis with emphasis on statistical computation, analysis, simulation, modeling and prediction. A basic presentation of modern computational data analysis, graphics and inferential statistics is provided in a laboratory setting; students gain proficiency in using a statistical software platform such as R. The course will cover probability concepts, important distributions, descriptive statistics and graphical analysis, inferential statistics including confidence intervals, hypotheses testing and ANOVA, as well as correlation and linear regression in one and several covariates. Computational techniques such as the bootstrap and resampling as well as for simulations are stressed throughout. Principles and methods of statistical analysis are put into practice using a range of real-world data.

MSIS 637 (Elective)
**Decision Support Systems**  
3 Credits
This course covers concepts and tools that aid managerial decision making by applying analytic reasoning and computer-based tools to managerial problems. Managers are increasingly overwhelmed by the speed of decision making, the number of decisions, and the amount of data available to help make these decisions. Their success depends on their ability to extract business value from the raw data their organization collects. The course focuses on decision making techniques and tools including such topics as management science, model-driven decision
support, data-driven DSS, expert systems, executive information systems and business intelligence.

**MSIS 638 (Elective)**
**Information Systems Business Intelligence**
**3 Credits**
This course aims to introduce the emerging information technologies for management support through business-intelligence systems. On completion of this course, students should be able to recognize the need for management support and business-intelligence requirements beyond typical management information systems as well as understand the application of various information technologies for business intelligence that support transformation and analysis of massive amounts of transaction data. The course includes hands-on work on data warehousing, OLAP, and data mining.

**Prerequisite:** MSIS 537 Data Management I

**MSIS 647 (Core)**
**Information Analysis**
**3 Credits**
An examination of the strategies for developing information systems including a study of the systems development life cycle for managing application development. Group dynamics and individual behavior in the development process are explored. Techniques for eliciting information requirements, methods for analyzing requirements, and the development of a general logical design are examined and employed in a major team exercise using real clients or an online case study.

**Prerequisite:** MSIS 537 Data Management. Fall and spring semesters

**MSIS 657 (Core)**
**Systems Design**
**3 Credits**
A rigorous study of the development of an information system including specification, design, implementation, and testing. Both managerial and technological aspects of systems design and implementation are considered. The process of planning for change, audits, and post-implementation reviews are considered. Emphasis is on a total systems solution rather than software alone. Team projects help the student acquire the knowledge and skills required to develop a physical design and implement an operational system from a logical design.

**Prerequisite:** MSIS 647 Information Analysis. Fall and spring semesters

**MSIS 693, 694, 695**
**Graduate Internship in Information Systems**
*(One, two, and three credits respectively)*
The graduate internship will provide advanced professional experience in the field of information systems. This course enables students to integrate the elements of their formal preparation and to apply theoretical concepts to real-world information systems. Graduate internships cannot be used to meet any elective requirement. Offered fall, spring, and summer semesters. Arrangements made through the program director.

**Prerequisites:** Completion of 12 graduate credits and 3.0 GPA

**MSIS 720 (Elective)**
**Information Systems Project**
**3 Credits**
Through the use of projects, this course fits together all of the concepts from previous courses regarding information systems development. The student gains experience in analyzing, designing, implementing, and evaluating information systems. Assignments consist of at least one systems development project involving all or part of the systems-development cycle.

Students will work independently or in teams to acquire practical experience through such projects, including the behavioral considerations in systems development. The instructor(s) will act as evaluator(s) instead of teacher(s) since the course pragmatically tests the student's knowledge and skills gained previously in the program.

The student's ability to apply the systems approach to the project as a whole
and to individual components will be very closely evaluated.

**Prerequisites:** Completion of MSIS 537, MSIS 567, MSIS 647, and MSIS 657. Offered at least every other year.

### Capstone course

**MSIS 730 (Core)**

**Information Systems Policy**

*3 Credits*

This course builds on previous courses in the IS program and is integrative in nature. It provides closure on the multitude of diverse subjects found in the program.

Taught in seminar style, the critical thinking of students related to current and strategic issues in information management is thoroughly examined. The executive perspective is demanded, thus forcing all students to analyze, synthesize, and respond at the highest organizational level. Entrepreneurial views are valued and encouraged.

Emphasis is placed on the overall information needs of an organization and what role information systems play in meeting those needs. Students explore critical issues relating to managing and administrating the information-systems function.

Alternative structures for matching an information-systems department to the structure and behavior of an organization are examined. The information center, decision-support center, end-user computing, and other concepts emerging from the evolution of information technology are discussed.

A major research paper based on a thorough literature search of primary sources in information systems and related fields is required of each student.

**Prerequisites:** Completion of MSIS 537, MSIS 567, MSIS 647, and MSIS 657. Spring semester or as needs otherwise dictate.
Advanced Certificate in Information Systems

The 18-credit Advanced Certificate in Information Systems is designed to satisfy the professional needs of students who wish to acquire graduate-level knowledge in Information Systems (IS), but who do not wish to pursue a full graduate degree. It is offered for students who already possess a Master of Business Administration, a Master of Public Administration, or some other Master’s degree program that contains or has been supplemented by a significant management-related component. The certificate program allows individuals who generally have little or no formal education in IS to develop an expanded graduate-level background in IS as an adjunct to their prior degree. Candidates who have taken an IS concentration at the graduate level at Marist are ineligible for this certificate.

Because the courses required demand considerable time and effort, only one course is permitted in the first semester (this requirement may be waived by the graduate director based upon recent prior academic performance). Students generally carry two to four courses per calendar year and take two years to complete the certificate. The maximum time permitted for completion is four years from admission into the program.

All courses taken in the certificate program are graduate IS courses and may be later applied to the IS graduate degree program provided the grades earned are B or better. However, because of the more comprehensive nature of the IS master’s program, admissions requirements are more rigorous and additional technical competency may be gained through taking some prerequisite courses. Specific requirements would be identified when admission to the IS master’s program is requested.

CERTIFICATE REQUIREMENTS

The Advanced Certificate in Information Systems is obtained upon satisfactory completion of six courses (18 credits) from the graduate Information Systems program as follows:

<table>
<thead>
<tr>
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<th>Course Title</th>
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<tbody>
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<td>Systems &amp; Information Concepts</td>
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<tr>
<td>MSIS 720</td>
<td>Information Systems Project</td>
<td>3</td>
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</tbody>
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ADMISSIONS REQUIREMENTS

Admission is based on prior academic performance and potential, a commitment to professional development, and demonstrated professional/leadership growth, as determined from the various documents submitted.

In addition to the application materials addressed in the Admissions to Graduate Programs section of the General Information section of this catalog, applicants to the graduate program in Information Systems must submit the following:
• a current résumé;
• a written summary of technical or professional non-credit course training;
• a written statement which outlines the applicant’s career objective(s), the reason(s) for selecting Marist’s Advanced Certificate in Information Systems, and the applicant’s personal and professional expectations from the program;
• optionally, at the graduate director’s discretion, two letters of recommendation may be required.

Students admitted on a non-matriculated basis are permitted to take three credits of course work. Upon completion of three credits, they will receive matriculated status if they have achieved at least a 3.0 GPA. All other prerequisites for matriculation must be met prior to receiving matriculated status. A cumulative 3.0 GPA is required to obtain the certificate.

Advanced Certificate in Business Analytics

The 12-credit Advanced Certificate in Business Analytics is aimed at helping professionals gain expertise in accessing and manipulating data, and applying analytical techniques to extract information from data and use it to predict future trends and behavior patterns. Students who complete the Advanced Certificate in Business Analytics develop expertise and skills in the areas of Data Management, Decision Making, Statistical Data Analysis, Management Science, Business Performance Management, Data Mining and Predictive Analytics. The field of business analytics has grown significantly over the last few years, providing business users with better insights from operational data stored in transactional systems. Business analytics stands today as one of the most strategically important fields in corporate information technology. Executives analyze sales trends and customer purchase patterns to improve their marketing strategies and better target customers with product offers and advertising. Students of the Advanced Certificate in Business Analytics acquire hands-on experience with cutting-edge analytical methods and software tools, leveraging the use of information technology to help improve decision making. The Certificate consists of a four course sequence (12 credits) that suits the needs of a broad audience of individuals in business, science, and technology across a wide range of domains. The list includes strategy managers, researchers (physics and engineering, social science, medicine), business analysts and consultants, IT professionals, advertising and marketing professionals, health care administrators and finance professionals. The program is offered in traditional and online format.

All courses taken in the certificate program are graduate IS courses and may be later applied to the IS graduate degree program provided the grades earned are B or better. However, because of the more comprehensive nature of the IS master’s program, admissions requirements are more rigorous and additional technical competency may be gained through taking some prerequisite courses. Specific requirements would be identified when admission to the IS master’s program is requested.

Students generally carry two courses per semester, and take a calendar year to complete the certificate.
CERTIFICATE REQUIREMENTS
The Advanced Certificate in Business Analytics is obtained upon satisfactory completion of four courses (12 credits) from the Graduate Information Systems program as follows:

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<td>3</td>
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<tr>
<td>MSIS 545</td>
<td>Introduction to Data Analysis &amp; Computational Statistics</td>
<td>3</td>
</tr>
<tr>
<td>MSIS 637</td>
<td>Decision Support Systems</td>
<td>3</td>
</tr>
<tr>
<td>MSIS 591</td>
<td>Data Mining &amp; Predictive Analytics</td>
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SUGGESTED COURSE SEQUENCE
Assuming two courses per semester:

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ADMISSIONS REQUIREMENTS
Admission is based on prior academic performance and potential, a commitment to professional development, and demonstrated professional/leadership growth, as determined from the various documents submitted.

In addition to the application materials addressed in the Admissions to Graduate Programs section of the General Information section of this catalog, applicants to the graduate program in Information Systems must submit the following:

- a current résumé;
- a written summary of technical or professional non-credit course training;
- a written statement which outlines the applicant’s career objective(s), the reason(s) for selecting Marist’s Advanced Certificate in Business Analytics, and the applicant’s personal and professional expectations from the program;
- optionally, at the graduate director’s discretion, two letters of recommendation may be required.

Students admitted on a non-matriculated basis are permitted to take three credits of course work. Upon completion of three credits, they will receive matriculated status if they have achieved at least a 3.0 GPA. All other prerequisites for matriculation must be met prior to receiving matriculated status. A cumulative 3.0 GPA is required to obtain the certificate.
Computer Science/Software Development and Information Systems Faculty


**HELEN HAYES** Assistant Professor of Mathematics and Computer Science, 1983. *Degrees*: B.A., College of St. Elizabeth; M.S., Fordham University; M.S.C.S., Syracuse University. *Specialties*: Formal Languages; Computability; Algorithms; Neural Networks.


**EITEL J.M. LAURÍA** Associate Professor and Graduate Director of Information Systems, 2002. *Degrees*: Electrical Engineering, Universidad de Buenos Aires (Argentina); M.B.A., Universidad del Salvador (Argentina) / Universidad de Deusto (Spain); Ph.D., State University of New York at Albany. *Specialties*: Data Management; Business Intelligence; Decision Support Systems; Data Mining & Predictive Analytics; Machine Learning; IT Implementation.
ANNE MATHEUS  Assistant Professor of Information Systems, 2001. Degrees: B.A., Marist College; M.A., Marist College; M.S.C.S., Marist College. Ph.D., State University of New York at Albany. Specialties: Information Decision Systems; Organizational Studies; Data Communications

CAROLYN MATHEUS  Assistant Professor of Information Systems, 2009. Degrees: B.A., Marist College; M.A., Marist College; M.S.C.S., Marist College. Specialties: Organizational Studies, Management Information Systems

ROGER NORTON  Dean of Computer Science, 1980. Degrees: B.S., University of Massachusetts; M.A., Brandeis University; Ph.D., Syracuse University. Specialties: Semantics of Programming Languages; Object-Oriented Programming; Distributed Computing; Grid Computing

DONALD R. SCHWARTZ  Associate Professor of Computer Science, 2013. Degrees: B.S., University of Louisiana at Lafayette, M.S., University of Louisiana at Lafayette, Ph.D., University of Louisiana at Lafayette. Specialties: Software Engineering, Database, Service Learning

ONKAR SHARMA  Professor of Computer Science, 1986. Degrees: B.S.E., Bahar Institute of Technology; M.S.C.S., University of California at Berkeley; Ph.D.C.S., New York University. Specialties: Computer Architecture; Systems Software